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TO:	FROM:
Examiner R.M. Mancho	S. Jared Pitts, Reg. No. 38,579
COMPANY:	DATE:
USPTO	TUESDAY, SEPTEMBER 04, 2007
FACSIMILE NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
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PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
571-272-6984	H0005645-3008
RE:	RECIPIENT'S REFERENCE NUMBER:
Response	10/628,085

URGENT

FOR REVIEW

PLEASE COMMENT

PLEASE REPLY

PLEASE RECYCLE

NOTES/COMMENTS:

FORMAL COMMUNICATION INTENDED FOR
ENTRY

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Appl. No. 10/628,085
Amdt. Dated September 4th, 2007
Reply to Office Action of June 1, 2007

SEP 05 2007

UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Dennice F. GAYME et al. Group Art Unit: 3663
Serial No.: 10/628,085 Examiner: R. M. Mancho
Filed: July 24, 2003 Confirmation No.: 3521

For: FAULT DETECTION SYSTEM AND METHOD USING AUGMENTED
DATA AND FUZZY LOGIC

Docket No.: H0005645-3008
Customer No. : 000128

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to
the United States Patent and Trademark Office at (571) 273-8300.

on 4 Sept 2007 Signature: S. Jared Pitts
S. Jared Pitts

RESPONSE PURSUANT TO 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office action mailed June 1, 2007, please amend the above-
identified application as follows:

AMENDMENTS TO THE SPECIFICATION begins on page 2 of this paper; and

AMENDMENTS TO THE CLAIMS begin on page 4 of this paper; and

REMARKS begin on page 17 of this paper.